SIEMENS

POLYDOROS SX 65/80

AX

Replacements of Parts

POLYDOROS SX65/80

Replacement of the Rectifier Modules and Installation of a new D165 from Update Kit, Part No.: 5761460

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Replacement of the Rectifier Modules and Installation of a new D165 from Update Kit, Part No.: 5761460

Contents of the D165 Update Kit, Part No.: 57 61 460

Pos.	Quantity	Part No.	Name
1	1	74 63 362	D165 rectifier
2	1	n.a.	Installation materials
3	3	77 34 817	V1 - V3 rectifier modules
4	1	RX63-055.841.02...	Replacement of Parts “D165 Update Kit”

Work Steps

- Unplug the X11, X12, X31 and X22 plug-in connectors on the D165 and, if necessary, label them.
- Remove the 9 threaded connectors and the L1_IN, L2_IN, L3_IN, UZP and UZN cables.
- Remove the D165 board with Part No.: 37 74 929 by removing the 3 plastic knurled nuts.
- Remove the 3 washers on the threaded studs; they are no longer needed.
- Replacement of the V1 - V3 Rectifier Modules
- Place 1 washer from the update kit on each of the spacer studs (4/Fig. 1 / p. 5).
- Place the D165 board with Part No.: 74 63 362 on the diode modules and secure it in place with the nine M5x10 screws and secure the L1_IN, L2_IN, L3_IN, UZP and UZN cables to a torque of 3Nm.
- Place a washer (4/Fig. 1 / p. 5) and a serrated contact washer (5/Fig. 1 / p. 5) from the update kit on the X32 threaded stud connection and secure it with the M3 hex nut included in the shipment (6/Fig. 1 / p. 5).
- Secure the two other threaded studs with the plastic knurled nuts (7/Fig. 1 / p. 5).
- Reestablish the X11, X12, X31 and X22 plug-in connections on the D165.

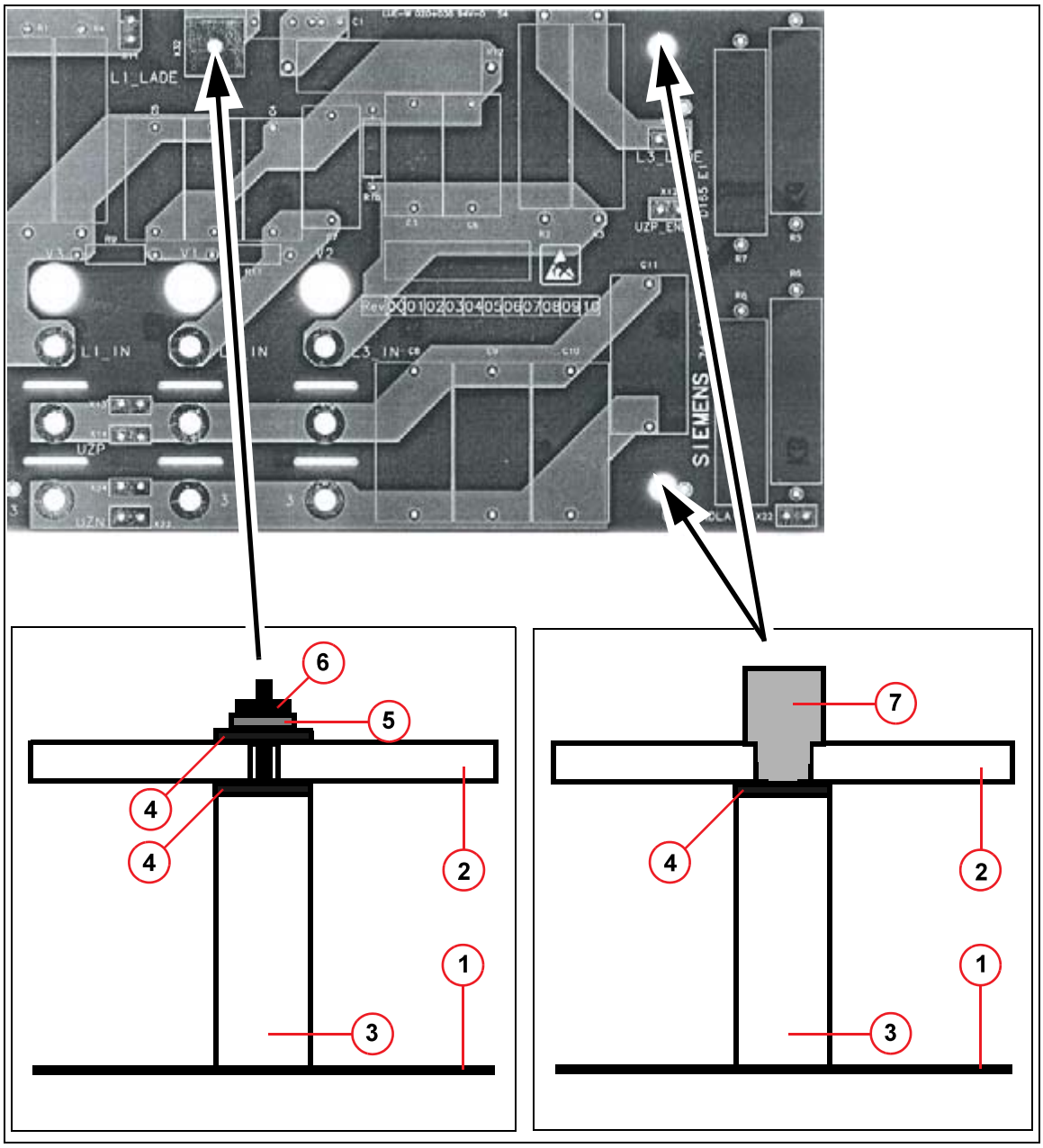

Fig. 1: D165, Part No.: 74 63 362

Pos. 1 Installation plate
Pos. 2 D165 board
Pos. 3 Spacer studs
Pos. 4 Washer
Pos. 5 Serrated contact washer
Pos. 6 M3 hex nut
Pos. 7 Plastic knurled nut

Chapter	Section	Change
Replacement of the D165	Contents of the Update Kit, Part No. 5761460	3 diode modules, Part No. 7734817 added.
Replacement of the D165	Work Steps	Removal and installation of the 3 diode modules.